



GAIL FARBER, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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May 12, 2009

IN REPLY PLEASE

REFER TO FILE: **C-1**

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS
CITY OF HAWTHORNE AND THE UNINCORPORATED COMMUNITIES OF
ATHENS, CASTAIC, GORMAN, AND LENNOX
(SUPERVISORIAL DISTRICTS 2 AND 5)
(3 VOTES)**

SUBJECT

This action is to approve changes in work and the increased contract amounts for public works construction contracts in the City of Hawthorne and the unincorporated communities of Athens, Castaic, Gorman, and Lennox.

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the increased contract amounts and the changes for the following construction contracts:

- Project ID No. RDC0011691 - Hawthorne Boulevard, et al., to resurface and reconstruct roadway; reconstruct curb and gutter, sidewalk, driveways; construct curb ramps and bus pads; and modify traffic signals, City of Hawthorne and the unincorporated communities of Athens and Lennox, Ortiz Asphalt Paving, Inc., for variations in bid quantities, installation of pull boxes, reconstruction of box culverts, and relocation of signal conduits, with an increase in the contract amount of \$33,352.86.

- Project ID No. RDC0014704 - Interstate 5/Hasley Canyon Road Interchange, to reconstruct a freeway interchange, in the unincorporated community of Castaic, Security Paving Company, Inc., for variations in bid quantities, testing of piles, additional grading, modifications to the traffic control system, and construction of additional concrete barrier, with an increase in the contract amount of \$598,362.
- Project ID No. RDC0014872 - Gorman Post Road, to resurface and reconstruct roadway; in the unincorporated community of Gorman, Imperial Paving Company, Inc., for variations in bid quantities, road section modifications, and capping a gas line, with an increase in the contract amount of \$67,622.43.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to obtain your Board's approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the attachment for each contract.

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Attached for your authorization are changes in work in excess of the Director of Public Works' delegated limits, which are required to complete Project ID Nos. RDC0011691, RDC0014704, and RDC0014872.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provisions of Operational Effectiveness (Goal 1) and Community and Municipal Services (Goal 3). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected communities.

FISCAL IMPACT/FINANCING

These changes in work will have no impact to the County General Fund.

The estimated change order amounts for these contracts range from increases of \$33,352.86 to \$598,362.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the attachments.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works or her designee.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the attachments do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the attachments.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors
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CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works,
Construction Division.

Respectfully submitted,


GAIL FARBER
Director of Public Works

GF:JTS:ss

Attachments (3)

c: Chief Executive Office (Lari Sheehan)
County Counsel
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
May 12, 2009

PROJECT ID NO. RDC0011691 - HAWTHORNE BOULEVARD, ET AL. (City of Hawthorne and the unincorporated communities of Athens and Lennox) Supervisorial District 2, Contractor: Ortiz Asphalt Paving, Inc.

Project Description:

Resurfacing and reconstruction of roadway pavement, reconstruction of curb and gutter, sidewalk, and driveways; construction of curb ramps and bus pads; modification of traffic signals; installation of striping and pavement markings; and the performance of other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$ 9,427.86
(2) Install Pull Boxes	5,625.00
(3) Reconstruct Box Culvert Decks	12,300.00
(4) Relocate Signal Conduits	<u>6,000.00</u>
Total	<u>\$33,352.86</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) It will be necessary for the contractor to supply new pull boxes since the existing boxes are deteriorated. This work is not shown on the plans.

(3) It will be necessary for the contractor to reconstruct existing box culverts with new sidewalks and ramps. This work is not shown on the plans.

(4) It will be necessary for the contractor to relocate existing traffic signal conduits that interfere with the construction of new foundations. This work is not shown on the plans.

The costs for Item 1 will be based on contract unit prices. The cost for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Items 3 and 4 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Five additional working days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Fiscal Year 2008-09 Proposition C Local Return Fund Budget.

Revised Contract Amount:

Original contract amount	\$2,953,709.23
Changes in work to be authorized	<u>33,352.86</u>
Revised contract amount	<u>\$2,987,062.09</u>
Percent total change to original contract amount	1.1%

PMT:en

CHANGE IN WORK (AUTHORIZE)

May 12, 2009

PROJECT ID NO. RDC0014704 - INTERSTATE 5/HASLEY CANYON ROAD INTERCHANGE (in the unincorporated community of Castaic), Supervisorial District 5
Contractor: Security Paving Company, Inc.

Project Description:

Reconstruction of a freeway interchange including drainage structures, retaining walls, bridges, on- and off-ramps, roundabouts, relocation of a waterline, and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$117,121.00
(2) Dynamic Pile Monitoring	30,000.00
(3) Additional Grading and Compaction	50,000.00
(4) Install Edison Conduit	18,000.00
(5) Additional Message Signs	17,000.00
(6) Install Slip Base Plate	5,200.00
(7) Temporary Traffic Signals and Loops	45,000.00
(8) Modify Stage Construction and Traffic Handling Plan	5,000.00
(9) Additional Backfill Material	3,000.00
(10) Additional Concrete Barrier	235,441.00
(11) Additional Pile	15,000.00
(12) Match Existing Footing Elevation	2,700.00
(13) Remove Existing Pile	5,000.00
(14) Additional Guardrail	35,900.00
(15) Coating Material	<u>14,000.00</u>
Total	<u>\$598,362.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

- (2) Your Board previously approved a change in work to perform dynamic monitoring during pile driving operations. The cost of this work will exceed the original estimate by the amount shown.
- (3) Your Board previously approved a change in work for additional grading and compaction behind the retaining wall along the Interstate 5 southbound on ramp at Hasley Canyon Road. The cost of this work will exceed the original estimate by the amount shown.
- (4) To comply with Southern California Edison requirements, it will be necessary for the contractor to furnish and install conduit along The Old Road at Hasley Canyon Road. This work is needed to provide power to the street lights.
- (5) To increase public awareness during construction, it will be necessary to post additional changeable message signs throughout the construction area.
- (6) To comply with Caltrans requirements, it will be necessary to install a slip base plate on one street light pole at the Interstate 5 southbound on ramp.
- (7) To accommodate traffic at the intersection of the Hasley Canyon Road and The Old Road during construction, it will be necessary for the contractor to install a temporary traffic signal and traffic loop system. This work is not shown on the plans.
- (8) To allow completion of work in the center of The Old Road between Sedona Way and Live Oak, it will be necessary for the contractor to revise the traffic staging plan. The work includes removing the existing pavement, excavating, regrading and compaction of the area, and providing a temporary traffic lane. This work is not shown in the plans.
- (9) To provide additional structural support in the area between the drainage system and the geofoam on the west side of Hasley Canyon Road, it will be necessary to backfill this area with slurry cement. This work is not shown on the plans.
- (10) To meet the intent of the design, the contractor must install additional concrete barriers on the retaining walls at Hasley Canyon Road and the Castaic Creek bridges. This work is not shown on the plans.
- (11) The dynamic monitoring tests results revealed it is necessary to increase the length of the driven piles at Castaic Creek to achieve the required final design standards. It will be necessary to reimburse the contractor for this work.

(12) To match the elevation of the existing footing of the Castaic Creek bridge abutment, it will be necessary to raise the elevation of the proposed footing. This work is not shown on the plans.

(13) To continue with the pile driving operation at Castaic Creek, it will be necessary to remove the interfering portion of an existing pile at the bridge abutment.

(14) It will be necessary to extend the guardrail to the retaining wall constructed along the Hasley Canyon Road northbound off ramp to properly connect the retaining wall and existing guardrail.

(15) To match the color of the new decorative lights at the Hasley Canyon Road bridge, it will be necessary to change the color of the bridge accessories. This work is not shown on the plans.

The costs for Item 1 and a portion of the costs for Item 10 will be based on contract unit prices. The costs for Items 2, 3, 5, 7, 9, 11, and 13 will be based on time and materials as provided in Subsection 3-3 of the contract specifications. The costs for Items 4, 6, 8, 12, 14, 15, and the balance of the costs for Item 10 were negotiated as provided in Subsection 3-2 of the contract specifications.

One additional working day will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Fiscal Year 2008-09 Road Fund Budget with reimbursement from Castaic Bridge and Major Thoroughfare Construction Fee District fees, Tesoro De Valley Project Regional Transportation fees, Los Angeles County Metropolitan Transportation Authority's Call for Project grant funds, Newhall Land and Farming Company, and Caltrans.

Revised Contract Amount:

Original contract amount	\$32,219,937.95
Changes in work previously approved by your Board	591,546.06
Changes in work to be authorized	<u>598,362.00</u>
Revised contract amount	<u>\$33,409,846.01</u>
Percent total change to original contract amount	3.7%

AD:en

CHANGE IN WORK (AUTHORIZE)
May 12, 2009

PROJECT ID NO. RDC0014872 - GORMAN POST ROAD (in the unincorporated community of Gorman), Supervisorial District 5, Contractor: Imperial Paving Company, Inc.

Project Description:

Resurfacing and reconstruction of roadway pavement; construction of sidewalk, curb and gutter, curb ramps, and drainage structures; installation of striping and pavement markings; and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$48,330.02
(2) Modify Road Section	14,007.41
(3) Concrete Curb	(215.00)
(4) Unmarked Gas Line	<u>5,500.00</u>
Total	<u>\$67,622.43</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) Your Board previously approved a change in work to modify the road base section to avoid working within unsuitable soil. The contractor will be compensated for impacts to his operations while the Department determines the extent of the unsuitable soil and redesigns the road section. The cost of this work will exceed the estimate by the amount shown.

(3) Your Board previously approved a change in work to construct additional curb on the west side of the road to prevent erosion of the adjacent lot. The cost of this work will be less than the estimate by the amount shown.

(4) Your Board previously approved a change in work to cap an abandoned gas line encountered during excavation operations. The cost of this work will exceed the estimate by the amount shown.

The costs for Item 1 and a portion of the cost for Item 3 will be based on contract unit prices. The balance of the cost for Item 3 and the costs for Items 2 and 4 will be based on time and materials as provided in Subsection 3-3 and negotiated as provided in Subsection 3-2 of the contract specifications.

Thirteen additional working days will be required because of these changes.

Financial Information:

We have received a Rubberized Asphalt Concrete grant from the California Integrated Waste Management Board to be used toward the cost of the pavement work. This project is funded with State Proposition 1B funds and is included in the Fiscal Year 2008-09 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$769,858.65
Changes in work previously approved by your Board	136,269.27
Changes in work to be authorized	<u>67,622.43</u>
Revised contract amount	<u>\$973,750.35</u>
Percent total change to original contract amount	26%

AMF:en